

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6144711".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:11
S2	1	"20030002450".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:16
S3	1	"6615024".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 15:51

## EAST Search History

S4	138	("3704465"   "3774209"   "3798645"   "3852749"   "3946385"   "4005379"   "4035746"   "4085319"   "4128740"   "4263568"   "4316191"   "4375622"   "4434505"   "4475010"   "4626859"   "4639732"   "4639914"   "4658096"   "4737794"   "4737975"   "4742356"   "4750147"   "4775997"   "4796291"   "4827395"   "4829554"   "4837800"   "4855748"   "4910794"   "4922517"   "4926186"   "4940963"   "4947452"   "4955082"   "4965732"   "4965849"   "4965850"   "4972151"   "4989204"   "5041833"   "5052799"   "5093924"   "5103459"   "5109535"   "5124697"   "5142253"   "5159593"   "5255210"   "5260968"   "5262789"   "5274844"   "5276907"   "5283540"   "5299148"   "5335249"   "5345596"   "5361303"   "5367559"   "5379320"   "5387915"   "5423072"   "5430760"   "5440281"   "5448621"   "5457812"   "5465399"   "5471647"   "5475864"   "5475868"   "5497505"   "5515378"   "5530449"   "5530917"   "5532706"   "5537438"   "5543801"   "5546090"   "5548813"   "5553074"   "5555445"   "5557657"   "5565873"   "5566209"   "5576717"   "5592490"   "5596625"   "5603082"   "5603089"   "5606729"   "5615409"   "5621752"   "5625885"   "5638375"   "5649287"   "5673291"   "5675581"   "5678188"   "5684836"   "5689219"   "5689502"   "5694416"   "5697066"   "5726978"   "5732076"   "5742904"   "5745858"   "5748676"   "5752165"   "5774461"   "5809009"   "5809019"   "5818918"   "5819182"   "5825762"   "5828658"   "5845212"   "5867123"   "5884148"   "5887038"   "5905721"   "5909470"   "5914946"   "5930243"   "5933421"   "5955992").PN. OR ("5970394"   "5973638"   "5999826"   "6005854"   "6009124"   "6018317"   "6018643"   "6061553"   "6108565"   "6122260"   "6131016"   "6154661"   "6192256").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/09 15:51
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## EAST Search History

S5	39	("6615024").URPN.	USPAT	ADJ	ON	2008/01/09 15:52
S6	3	inanoglu-h\$.in.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:06
S7	719	375/267.ccls. and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:41
S8	42	S7 and calibrat\$4	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:07
S9	677	S7 not S8	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:11
S10	670	S9 and (transmit\$4 or transmission) and (receiv\$3 or reception)	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:11
S11	162	S9 and transceiver	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:11
S12	670	S10 or S11	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:12
S13	1308	(375/299 or 375/347).ccls. and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:00
S14	5063	MIMO or (multiple input multiple output)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:43
S15	141	S13 and S14	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:00
S16	74	S15 not S7	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:53
S17	82	S13 and calibrat\$4 and (gain or weight\$3)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:44
S18	74	S17 and antenna	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:57
S19	61	S18 not S16	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:57
S20	1932	(375/219 or 375/224).ccls. and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:19
S21	15	S20 and S14	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:10
S22	650	S20 and antenna	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:00
S23	359	S22 and (gain or weight\$3)	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:02
S24	336	S23 not (S7 or S16 or S19 or S21)	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:12
S25	672	(455/73).ccls. and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:10
S26	9	S25 and S14	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:11

## EAST Search History

S27	9	S26 and antenna	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:11
S28	517	S25 and antenna	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:12
S29	33793	(plural\$4 or many or several or array) near2 (antenna)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:57
S30	518	S25 and (S29 or "antennae" or "antennas")	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:20
S31	496	S30 not (S7 or S16 or S19 or S21 or S24)	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:20
S32	301	(370/294 or 370/295).cccls. and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:19
S33	1	S14 and S32	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:19
S34	87	S32 and (S29 or "antennae" or "antennas")	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:20
S35	83	S34 not (S7 or S16 or S19 or S21 or S24 or S31)	US-PGPUB; USPAT	ADJ	ON	2008/01/09 18:20
S36	5082	MIMO or (multiple input multiple output)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 09:40
S37	427	S36 and calibrat\$4 and (gain or weight\$3)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:07
S38	28083	calibrat\$4.ti,ab.	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:45
S39	25	S37 and S38 and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:52
S40	202	S37 and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:58
S41	177	S40 not S39	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:57
S42	1130	S36.ti,ab.	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:57
S43	1085	S42 and (transmit\$4 or transmission) and (receiv\$3 or reception)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:07
S44	33835	(plural\$4 or many or several or array) near2 (antenna)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:58
S45	744	S43 and S44	US-PGPUB; USPAT	ADJ	ON	2008/01/10 07:58
S46	210	S45 and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:07
S47	179	S46 not (S39 or S41)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:08

## EAST Search History

S48	8380	(multiple or multi) adj antenna	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:02
S49	49070	(S44 or S48 or "antennas" or "antennae").ti,ab.	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:02
S50	35760	S49 and (transmit\$4 or transmission) and (receiv\$3 or reception)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:08
S51	12141	S49 and (transmit\$4 or transmission).ti,ab. and (receiv\$3 or reception).ti,ab.	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:07
S52	9215	S51 and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/10 12:24
S53	785	S52 and calibrat\$4 and (gain or weight\$3)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:08
S54	757	S53 not (S39 or S41 or S47)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:22
S55	78936	(transmit\$4 or transmission) with (gain or weight\$3)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:09
S56	119553	(receiv\$4 or reception) with (gain or weight\$3)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:09
S57	350	S54 and S55 and S56	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:09
S58	306	S52 and S36	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:16
S59	199	S58 not (S39 or S41 or S47 or S57)	US-PGPUB; USPAT	ADJ	ON	2008/01/10 08:23
S60	1	"7206550".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/10 09:38
S61	10	("20040146018"   "20050128953"   "20050135403"   "5515378"   "5909649"   "5936569"   "6047189"   "6549585"   "6593880"   "6795407").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/10 09:36
S62	0	("7206550").URPN.	USPAT	ADJ	ON	2008/01/10 09:38
S63	1	"7031669".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/10 09:38
S64	21	("20020111142"   "20030050016"   "4166274"   "5274844"   "5530449"   "5543801"   "5546090"   "6037898"   "6133868"   "6157340"   "6195045"   "6298092"   "6307882"   "6314147"   "6317466"   "6377636"   "6377819"   "6380910"   "6442214"   "6473467"   "6687492").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/10 09:38
S65	1	("7031669").URPN.	USPAT	ADJ	ON	2008/01/10 09:39

## EAST Search History

S66	2594	MIMO or (multiple input multiple output)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/10 09:40
S67	28	S66 and calibrat\$4	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/10 11:38
S68	0	"20050227628".pn. and operation point	US-PGPUB; USPAT	ADJ	ON	2008/01/10 11:39
S69	1	"20050227628".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/10 11:39
S70	1	"20050227628".pn. and operating point	US-PGPUB; USPAT	ADJ	ON	2008/01/10 12:24
S71	2945	user terminal and access point	US-PGPUB; USPAT	ADJ	ON	2008/01/10 12:24
S72	57	S42 and S71	US-PGPUB; USPAT	ADJ	ON	2008/01/10 12:24
S73	16	S72 and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2008/01/10 12:24